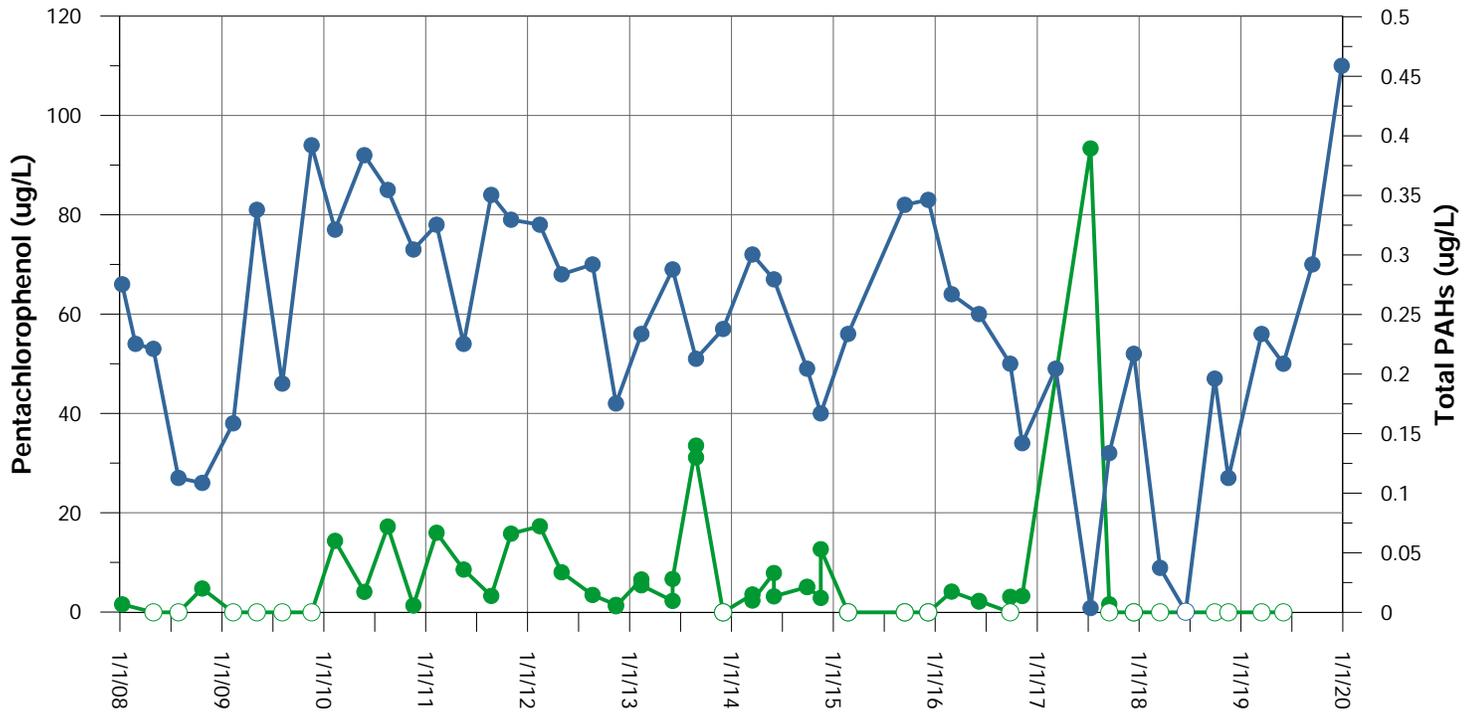


## **Appendix A**

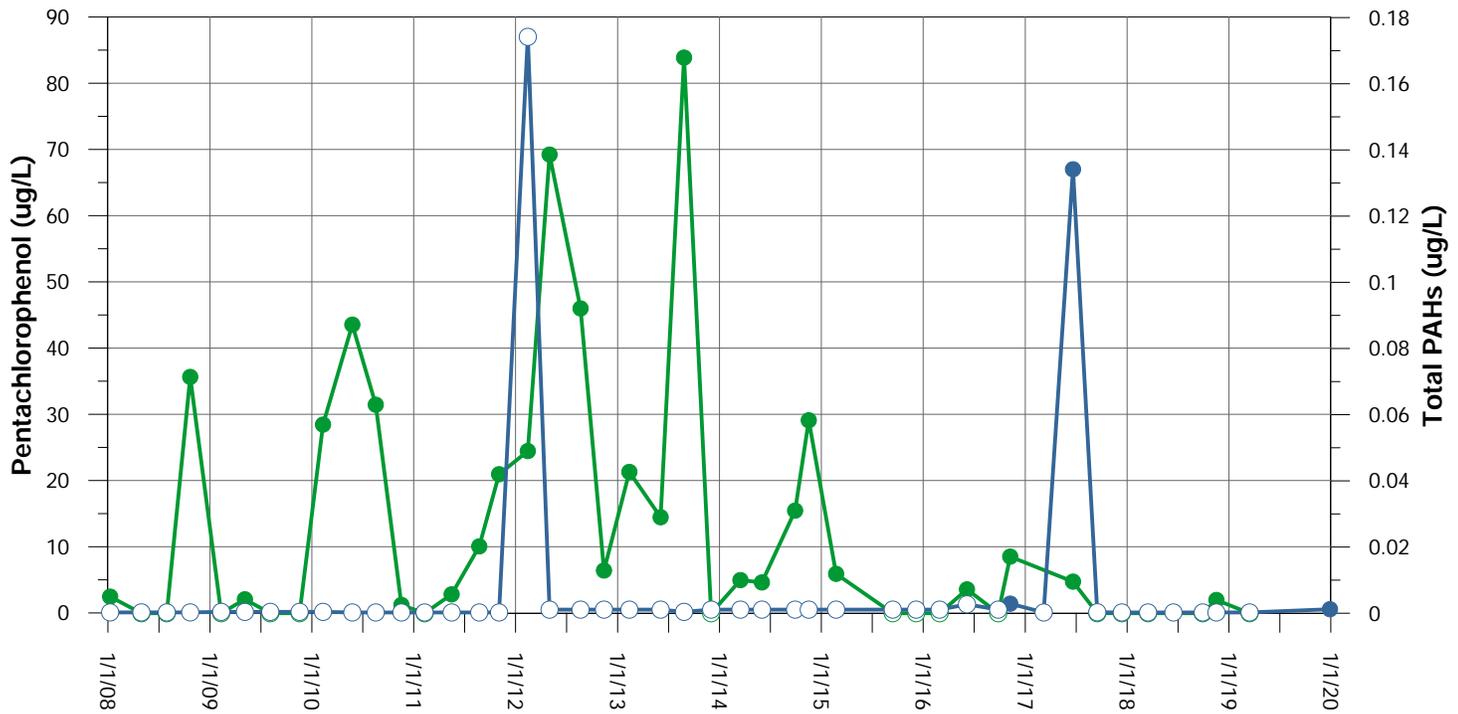
**Time Series Plots: Pentachlorophenol and Total PAHs in Groundwater**

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### BXS-1



### BXS-2



**Legend:**

- Pentachlorophenol Detected Values
- Pentachlorophenol Non-Detected Values
- Total PAHs Detected Values
- Total PAHs Non-Detected Values

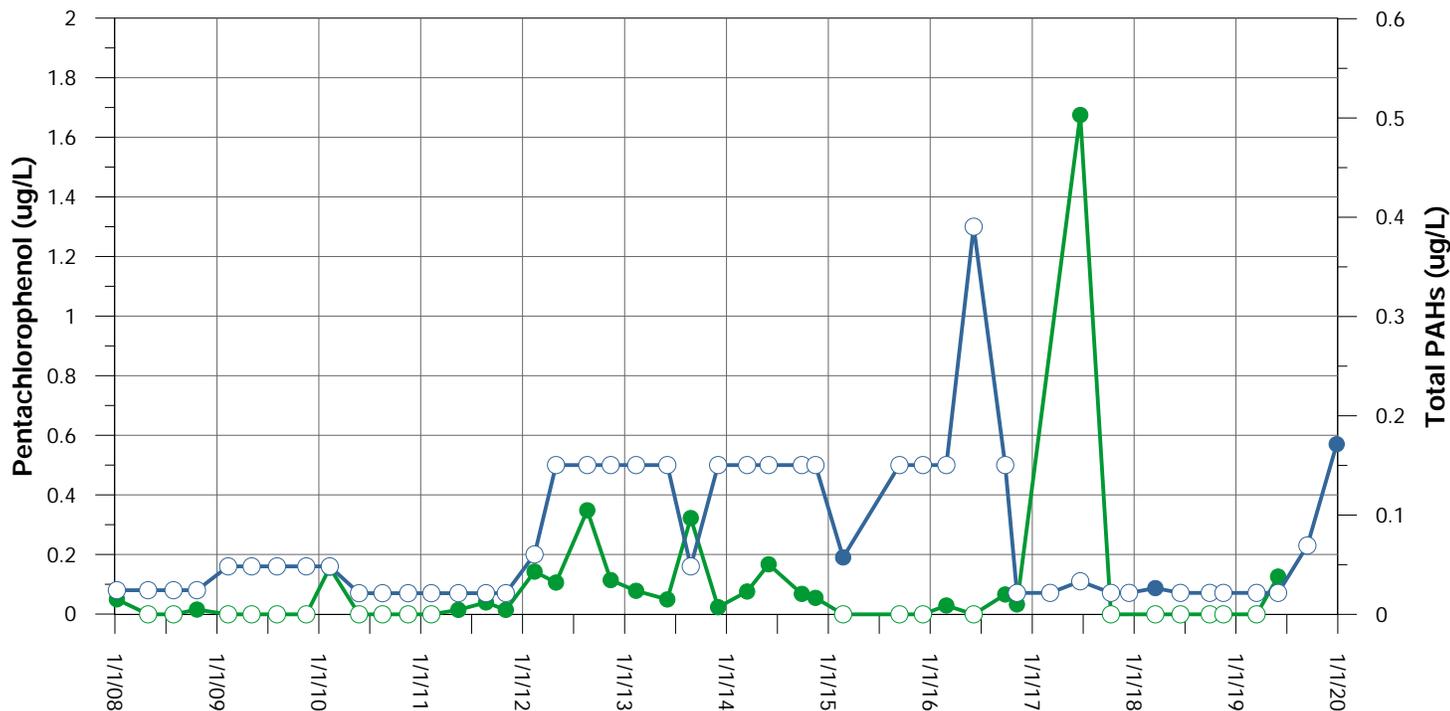
**Notes:**

ug/L = microgram per liter  
 Total polycyclic aromatic hydrocarbons (PAHs) equals the sum of detected analytes (ND = 0).  
 In June 2017, samples from BXS-1 and BXS-2 might have been mislabeled for one another.

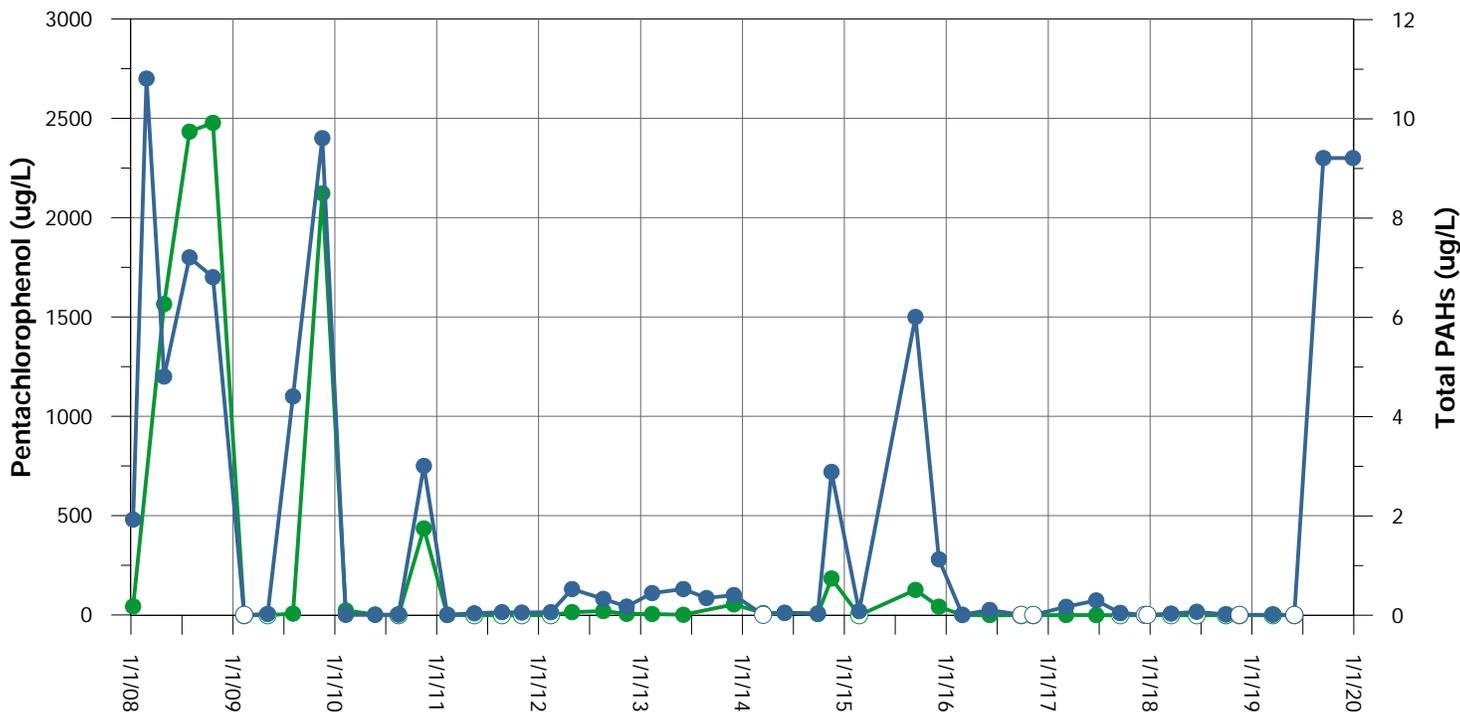
**FIGURE A-1**  
**Pentachlorophenol and Total PAHs Groundwater Concentrations in BXS-1 and BXS-2**  
 Former J.H. Baxter Wood Treating Facility  
 Arlington, Washington



### MW-2



### MW-3



**Legend:**

- Pentachlorophenol Detected Values
- Pentachlorophenol Non-Detected Values
- Total PAHs Detected Values
- Total PAHs Non-Detected Values

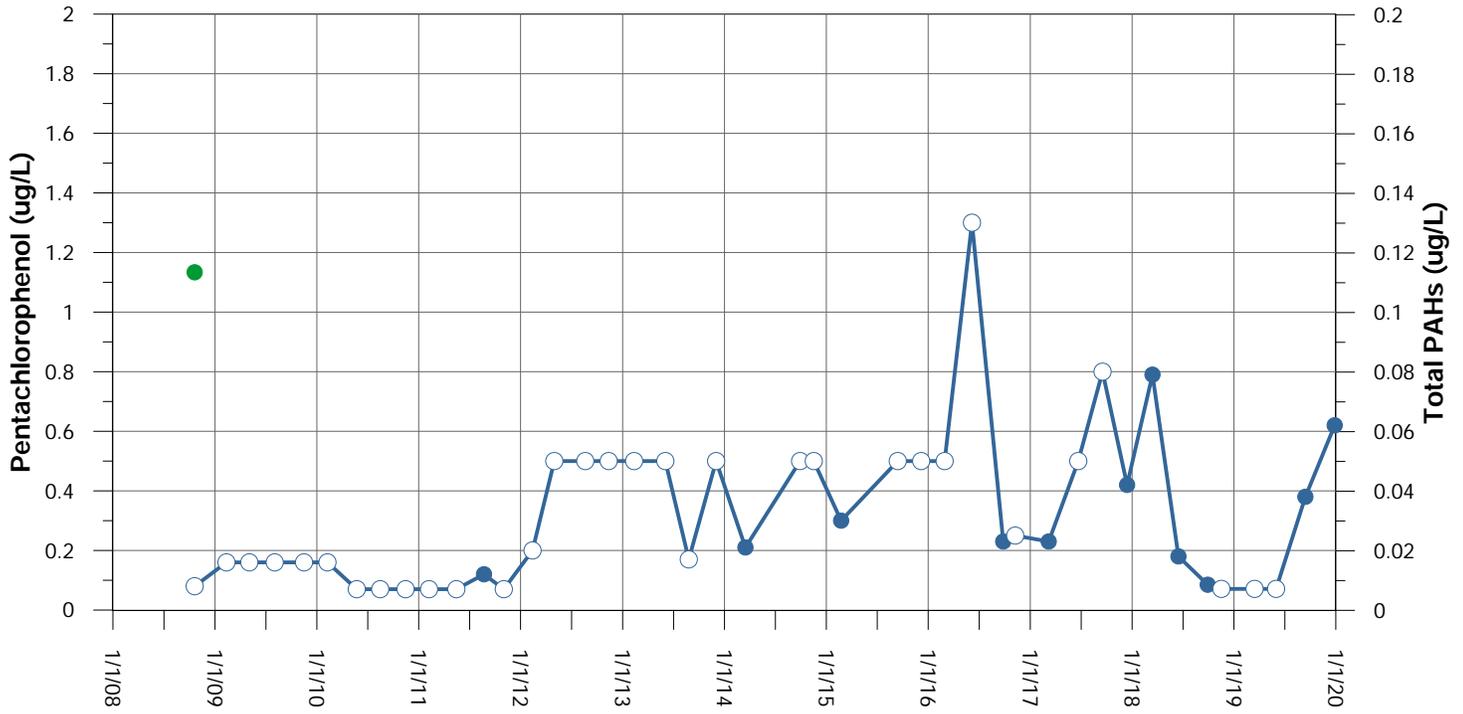
**Notes:**

ug/L = microgram per liter  
 Total polycyclic aromatic hydrocarbons (PAHs) equals the sum of detected analytes (ND = 0).

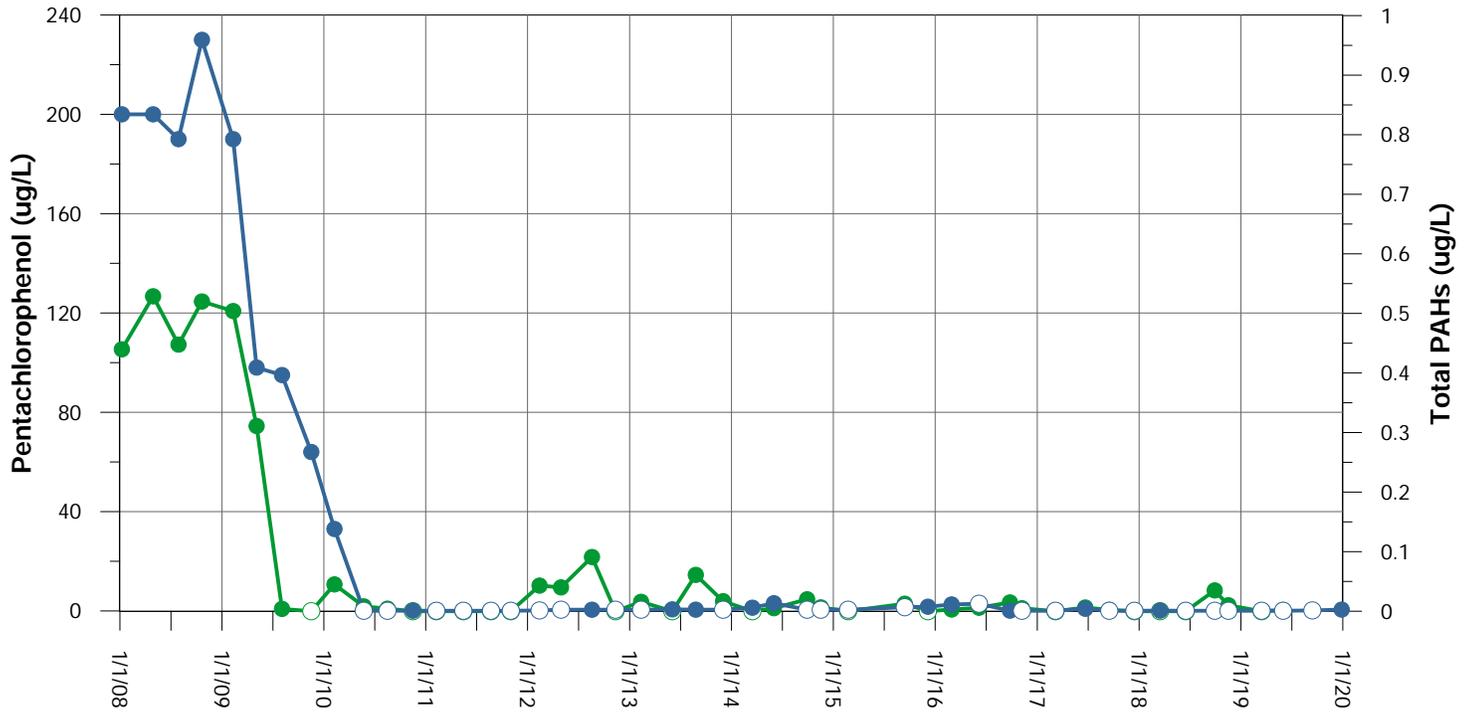
**FIGURE A-2**  
**Pentachlorophenol and Total PAHs Groundwater**  
**Concentrations in MW-2 and MW-3**  
 Former J.H. Baxter Wood Treating Facility  
 Arlington, Washington



### HCMW-7



### MW-15



**Legend:**

- Pentachlorophenol Detected Values
- Pentachlorophenol Non-Detected Values
- Total PAHs Detected Values
- Total PAHs Non-Detected Values

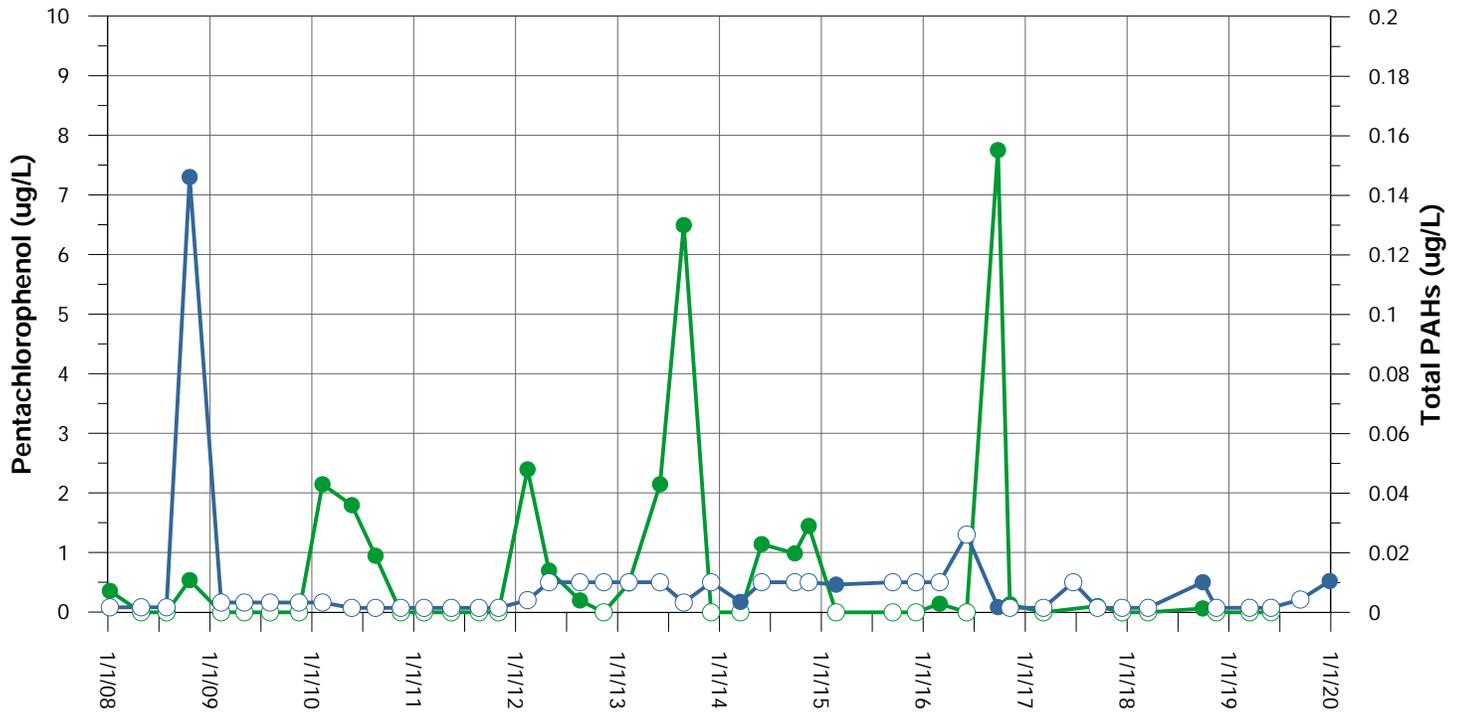
**Notes:**

ug/L = microgram per liter  
 Total polycyclic aromatic hydrocarbons (PAHs) equals the sum of detected analytes (ND = 0).

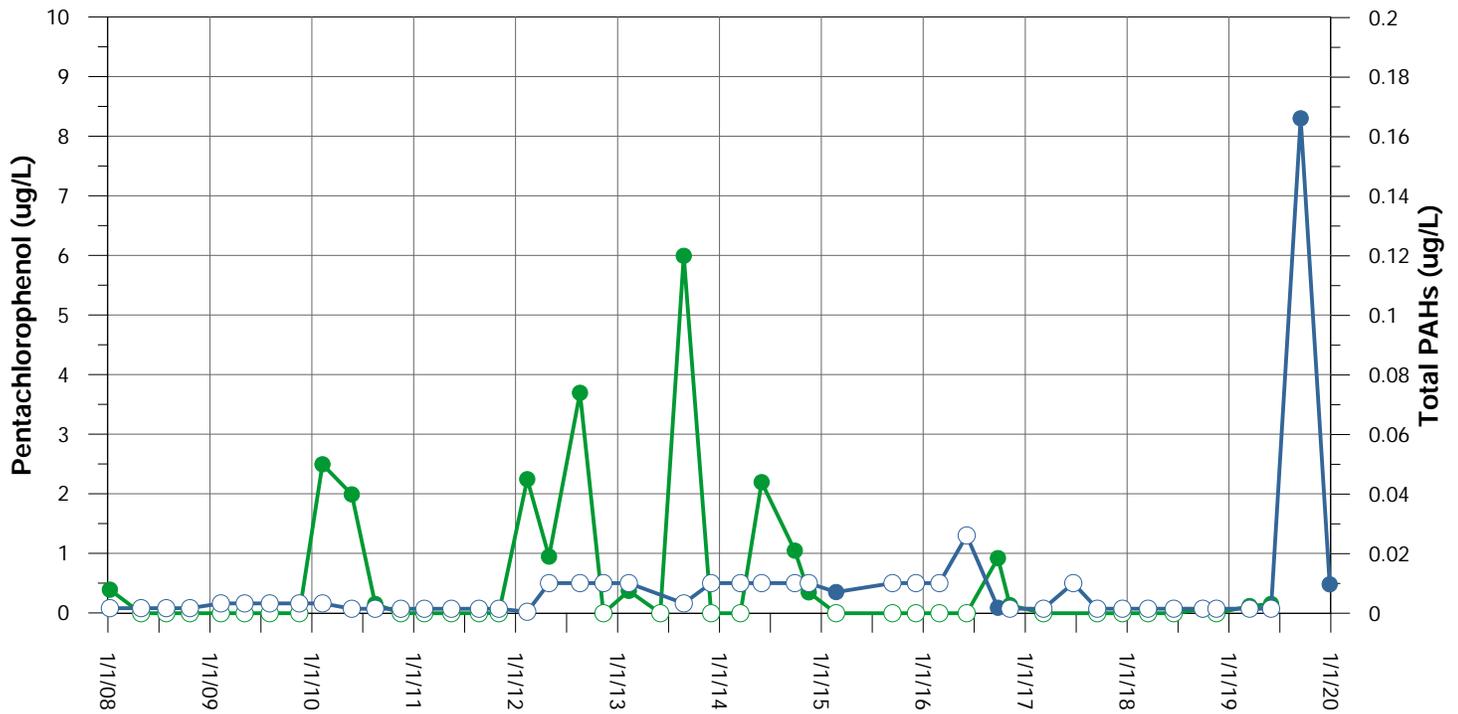
**FIGURE A-3**  
**Pentachlorophenol and Total PAHs Groundwater**  
**Concentrations in HCMW-7 and MW-15**  
 Former J.H. Baxter Wood Treating Facility  
 Arlington, Washington



### MW-16



### MW-17



**Legend:**

- Pentachlorophenol Detected Values
- Pentachlorophenol Non-Detected Values
- Total PAHs Detected Values
- Total PAHs Non-Detected Values

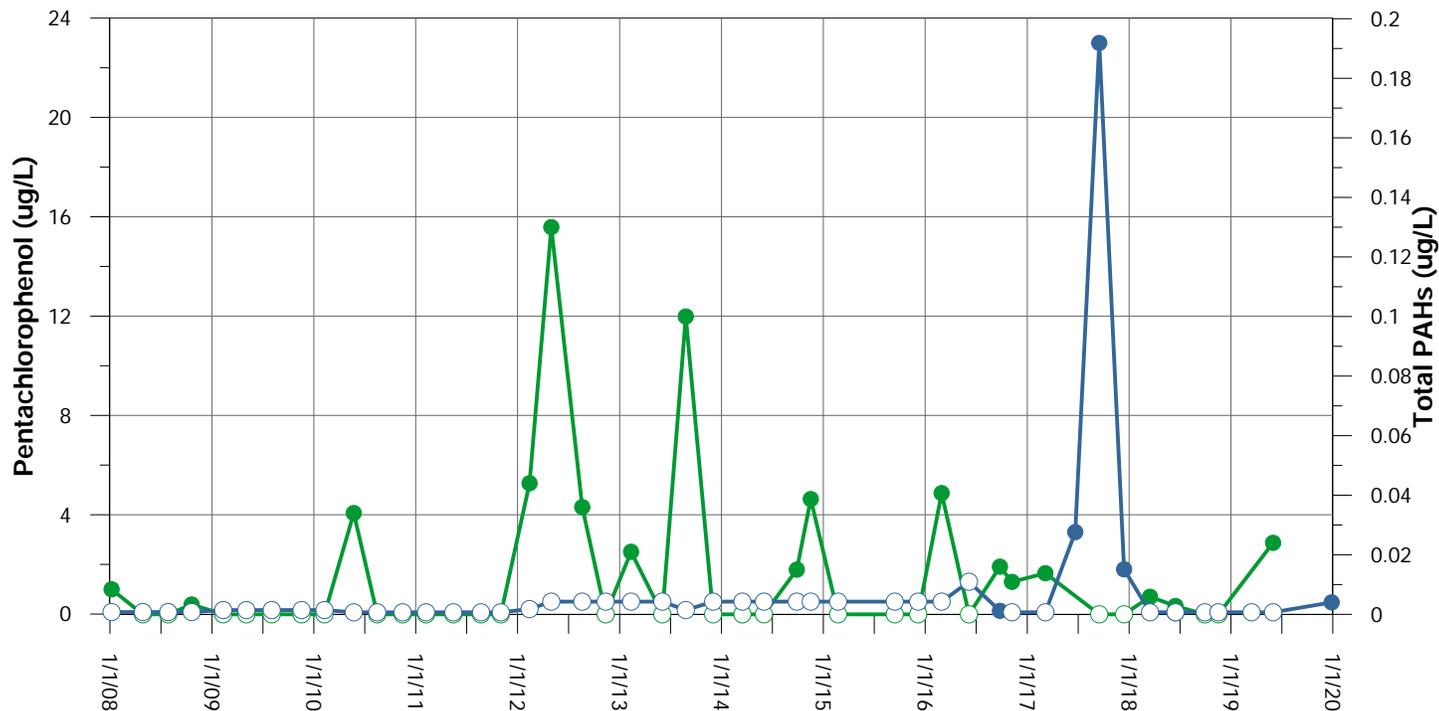
**Notes:**

ug/L = microgram per liter  
 Total polycyclic aromatic hydrocarbons (PAHs) equals the sum of detected analytes (ND = 0).

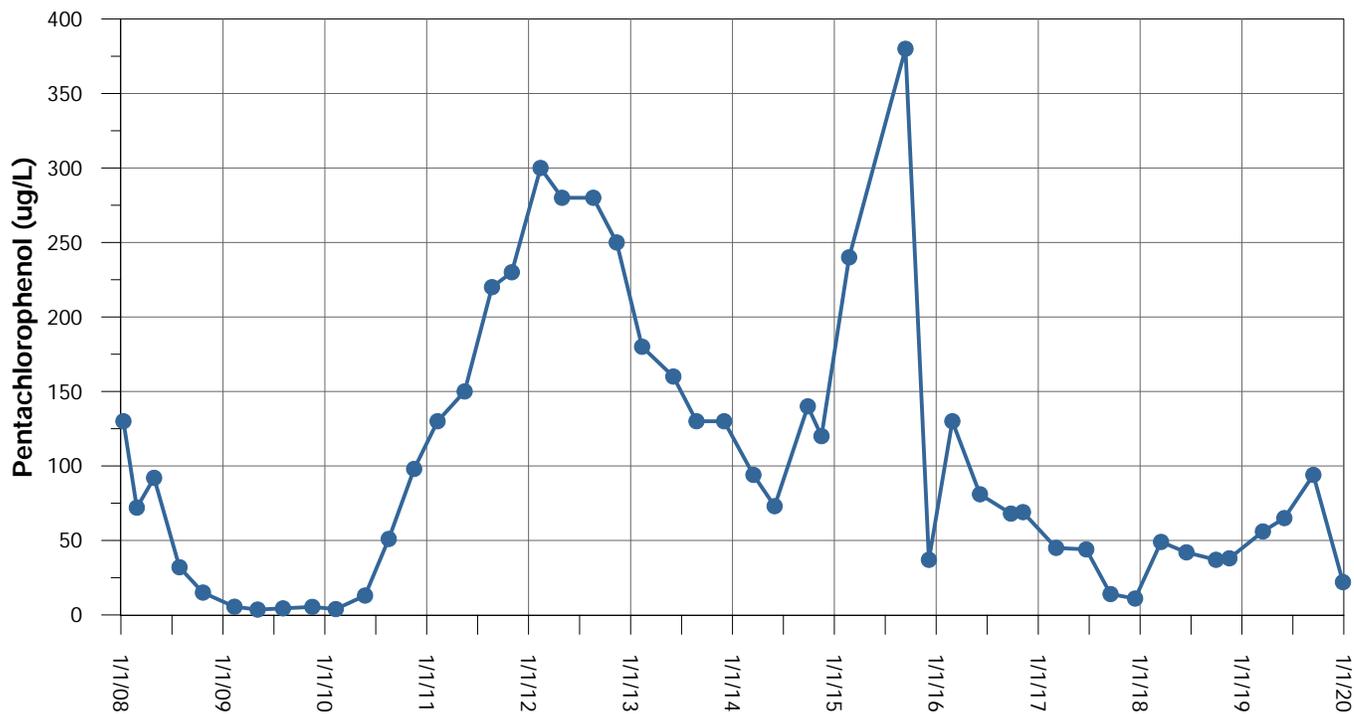
**FIGURE A-4**  
**Pentachlorophenol and Total PAHs Groundwater**  
**Concentrations in MW-16 and MW-17**  
 Former J.H. Baxter Wood Treating Facility  
 Arlington, Washington



### MW-18



### MW-22



PAHs not analyzed in MW-22.

#### Legend:

- Pentachlorophenol Detected Values
- Pentachlorophenol Non-Detected Values
- Total PAHs Detected Values
- Total PAHs Non-Detected Values

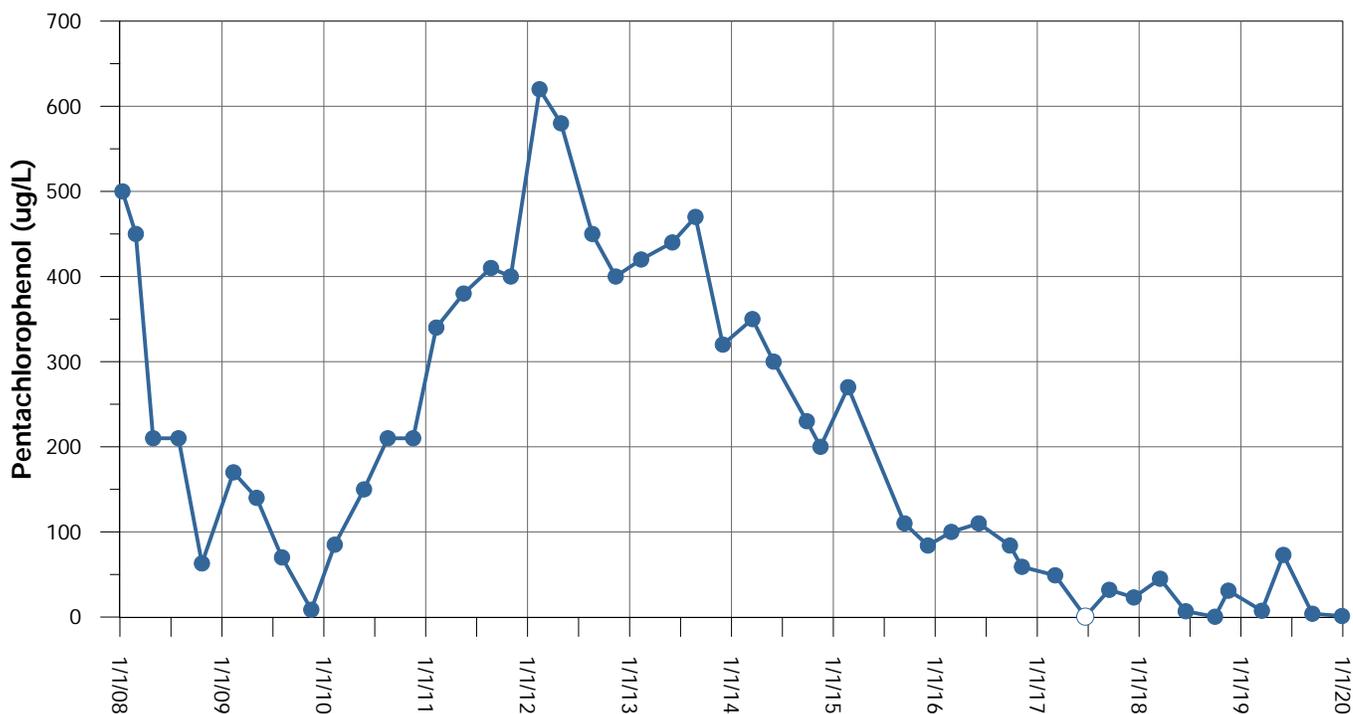
#### Notes:

ug/L = microgram per liter  
 Total polycyclic aromatic hydrocarbons (PAHs) equals the sum of detected analytes (ND = 0).

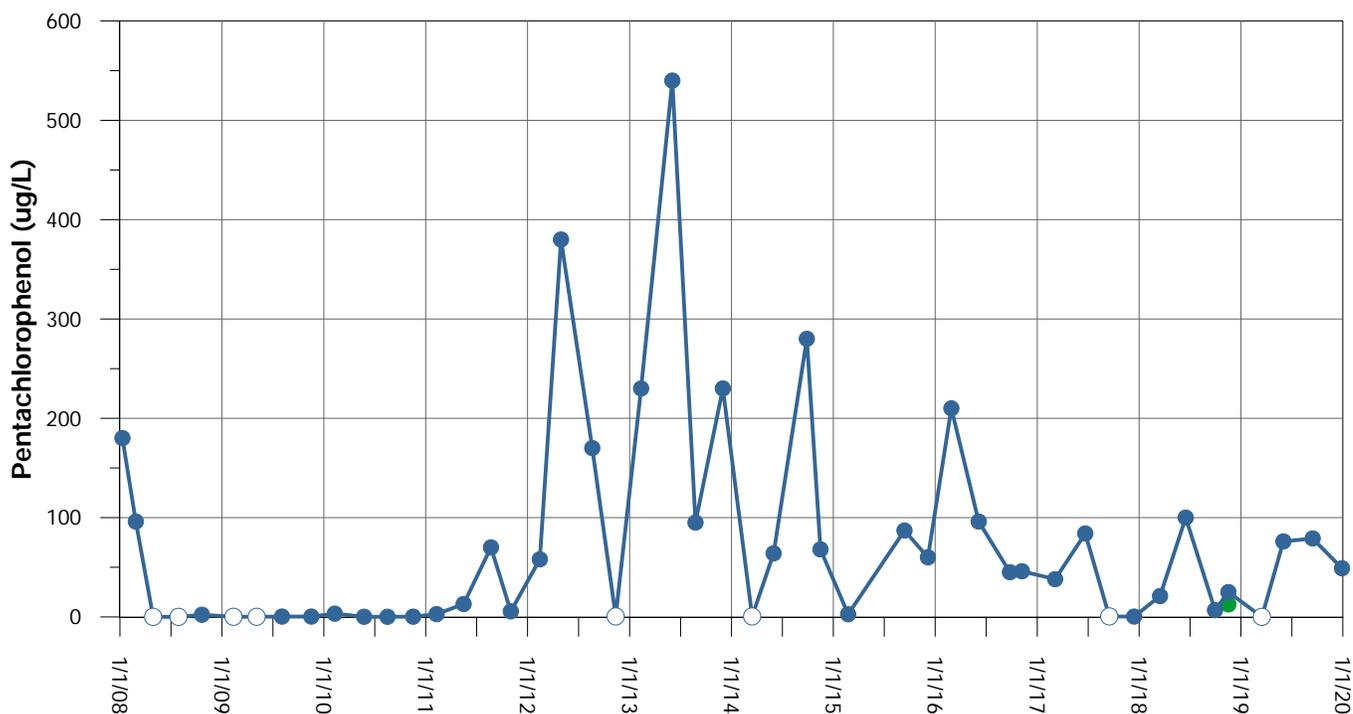
**FIGURE A-5**  
**Pentachlorophenol and Total PAHs Groundwater Concentrations in MW-18 and MW-22**  
 Former J.H. Baxter Wood Treating Facility  
 Arlington, Washington



### MW-23



### MW-24



**Legend:**

- Pentachlorophenol Detected Values
- Pentachlorophenol Non-Detected Values

**Notes:**

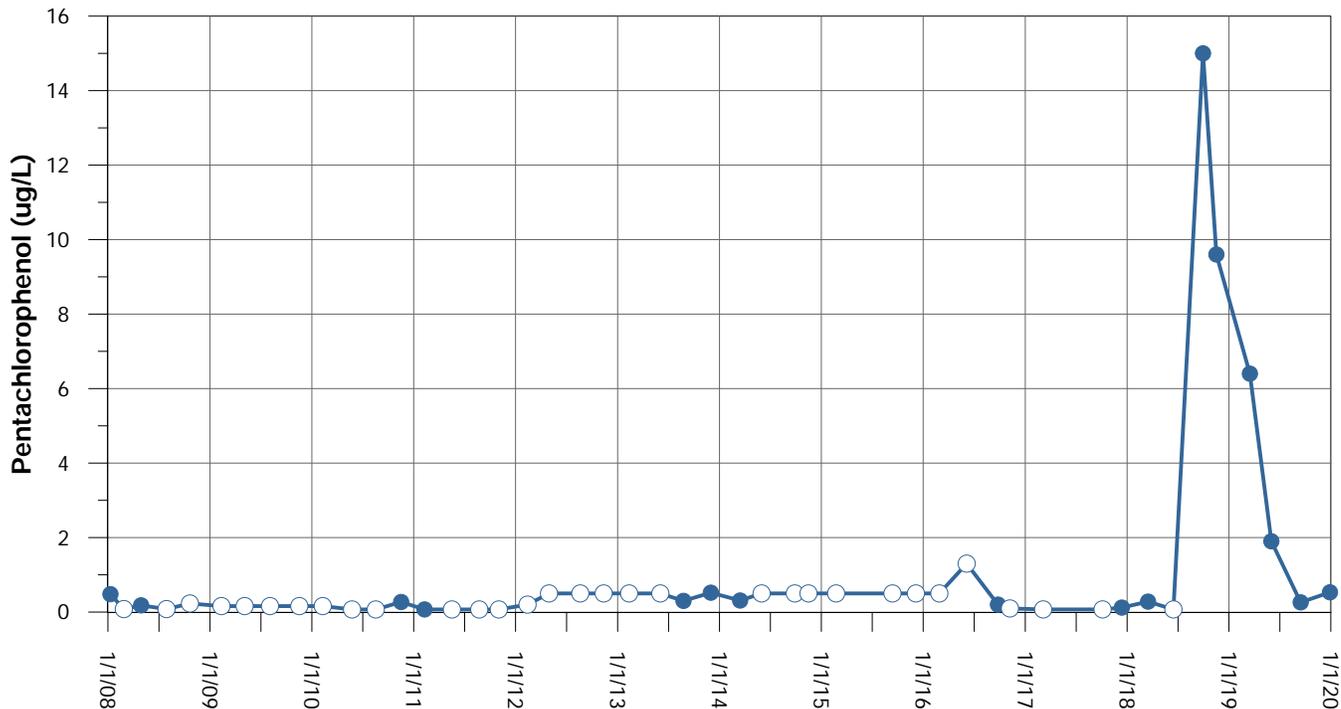
ug/L = microgram per liter

**FIGURE A-6**  
**Pentachlorophenol Groundwater**  
**Concentrations in MW-23 and MW-24**  
 Former J.H. Baxter Wood Treating Facility  
 Arlington, Washington

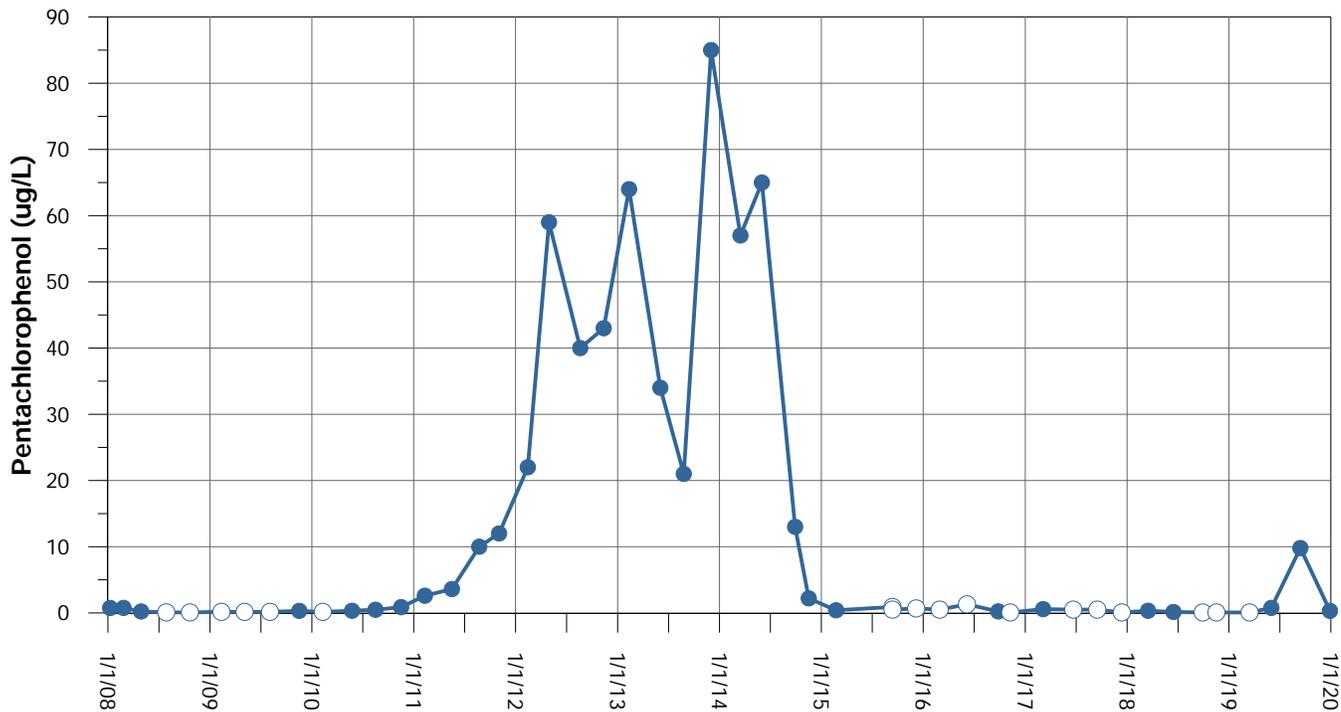




### MW-27



### MW-28



**Legend:**

- Pentachlorophenol Detected Values
- Pentachlorophenol Non-Detected Values

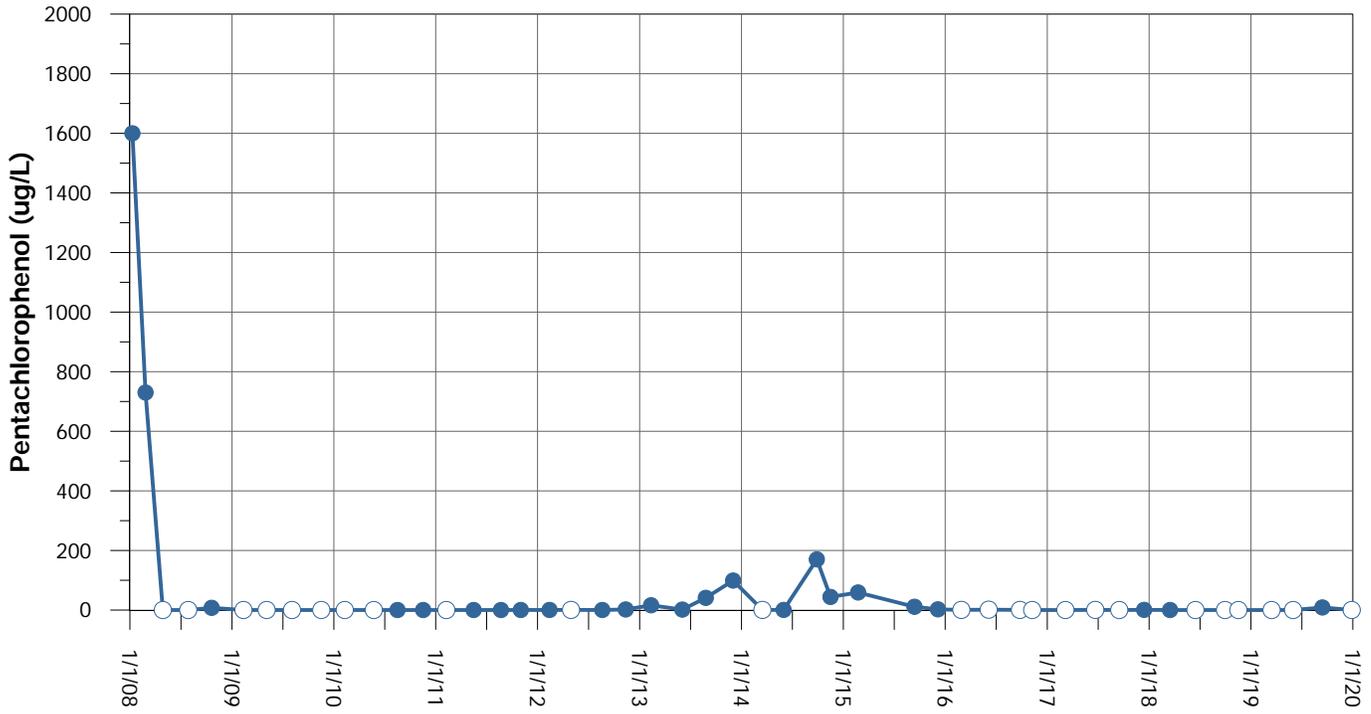
**Notes:**

ug/L = microgram per liter

**FIGURE A-8**  
**Pentachlorophenol Groundwater Concentrations in MW-27 and MW-28**  
 Former J.H. Baxter Wood Treating Facility  
 Arlington, Washington

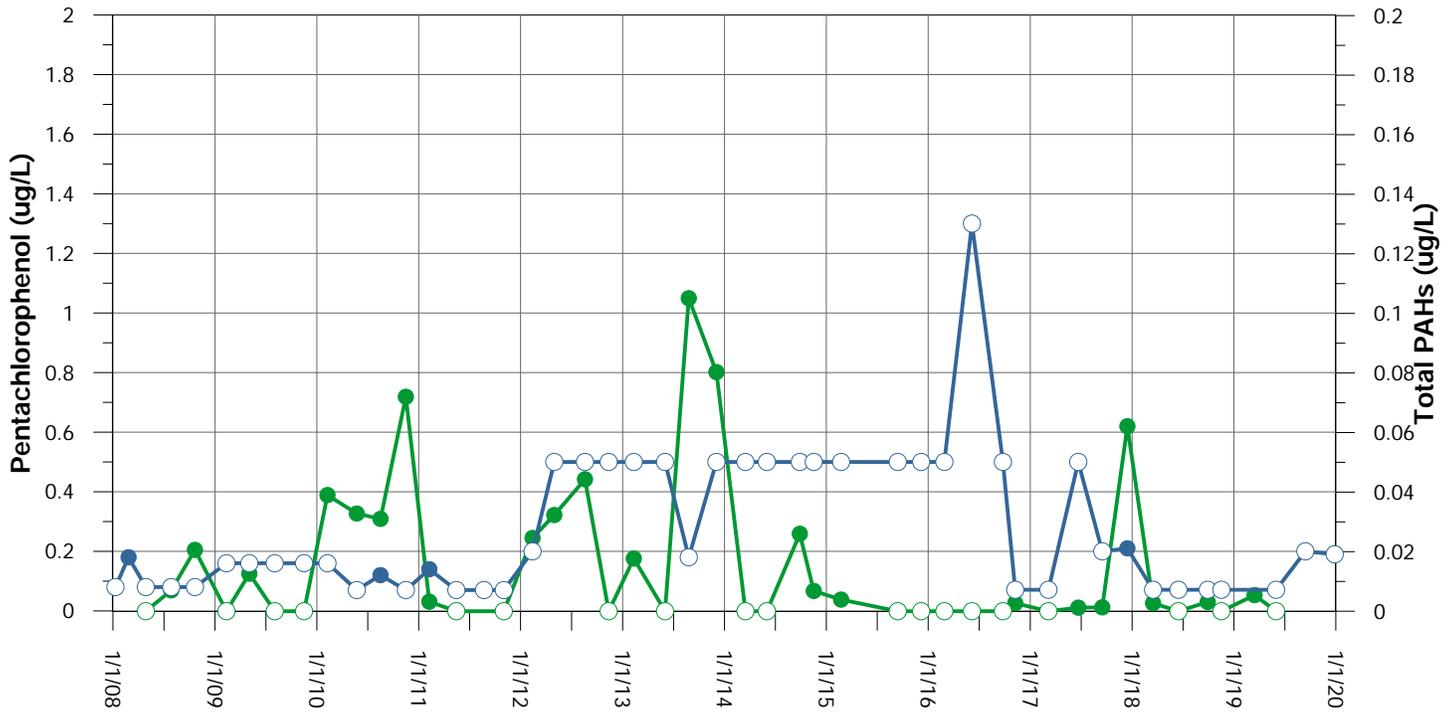


### MW-29



PAHs not analyzed in MW-29.

### MW-30



**Legend:**

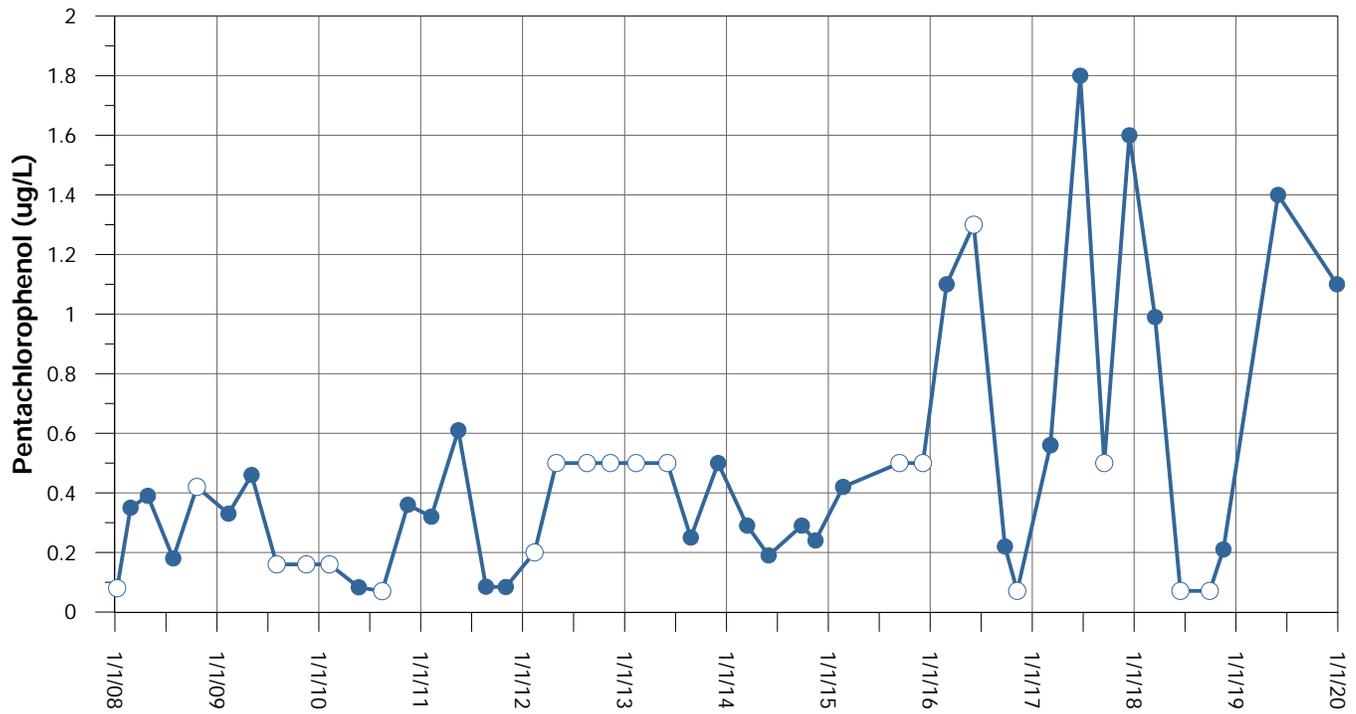
- Pentachlorophenol Detected Values
- Pentachlorophenol Non-Detected Values
- Total PAHs Detected Values
- Total PAHs Non-Detected Values

**Notes:** ug/L = microgram per liter  
 Total polycyclic aromatic hydrocarbons (PAHs) equals the sum of detected analytes (ND = 0).

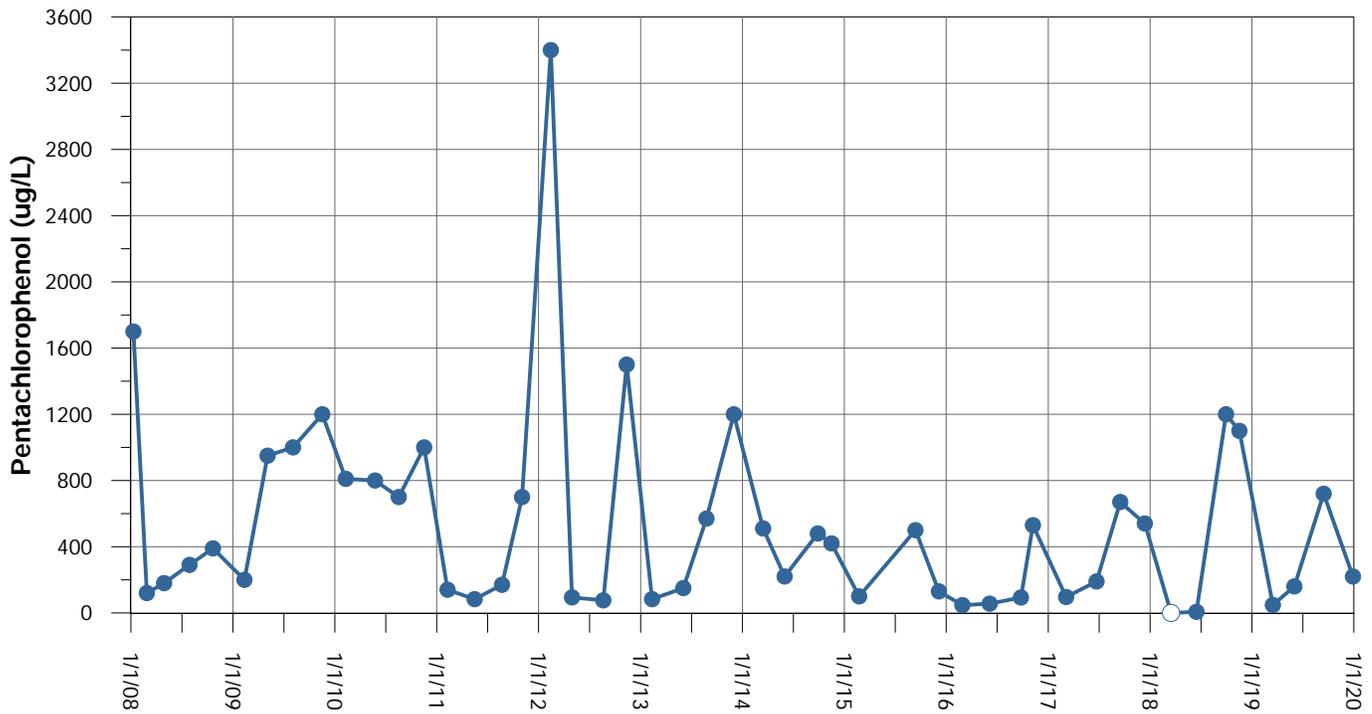
**FIGURE A-9**  
**Pentachlorophenol and Total PAHs Groundwater**  
**Concentrations in MW-29 and MW-30**  
 Former J.H. Baxter Wood Treating Facility  
 Arlington, Washington



### MW-31



### MW-32



**Legend:**

- Pentachlorophenol Detected Values
- Pentachlorophenol Non-Detected Values

**Notes:**

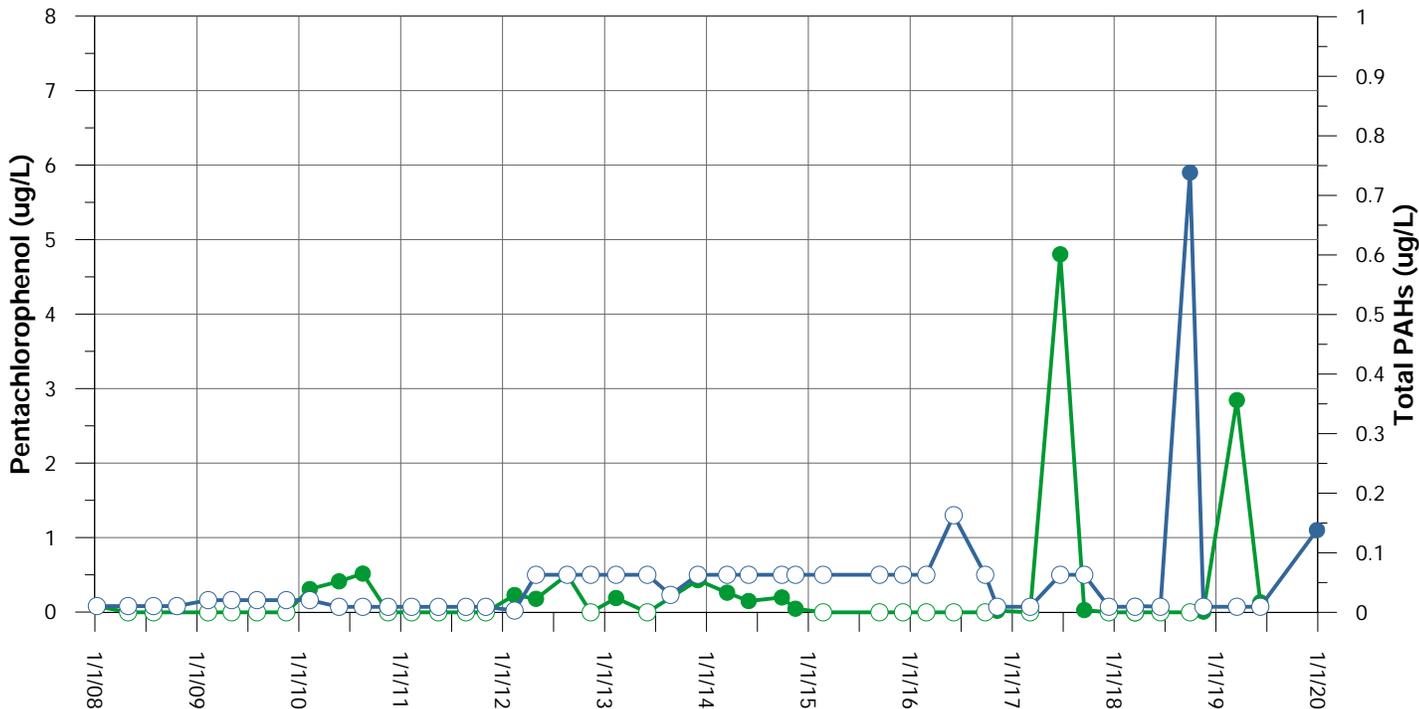
ug/L = microgram per liter

**FIGURE A-10**  
**Pentachlorophenol Groundwater**  
**Concentrations in MW-31 and MW-32**  
Former J.H. Baxter Wood Treating Facility  
Arlington, Washington

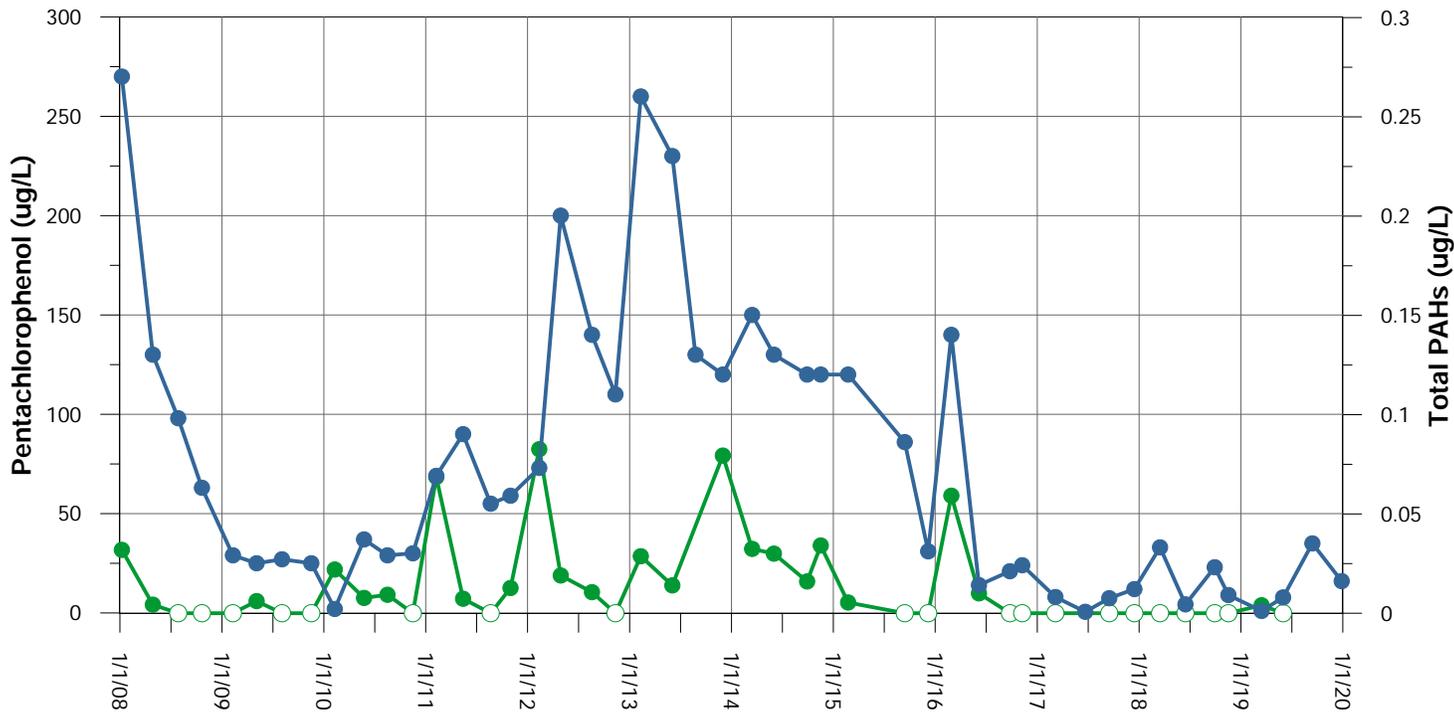




### MW-35



### MW-36



**Legend:**

- Pentachlorophenol Detected Values
- Pentachlorophenol Non-Detected Values
- Total PAHs Detected Values
- Total PAHs Non-Detected Values

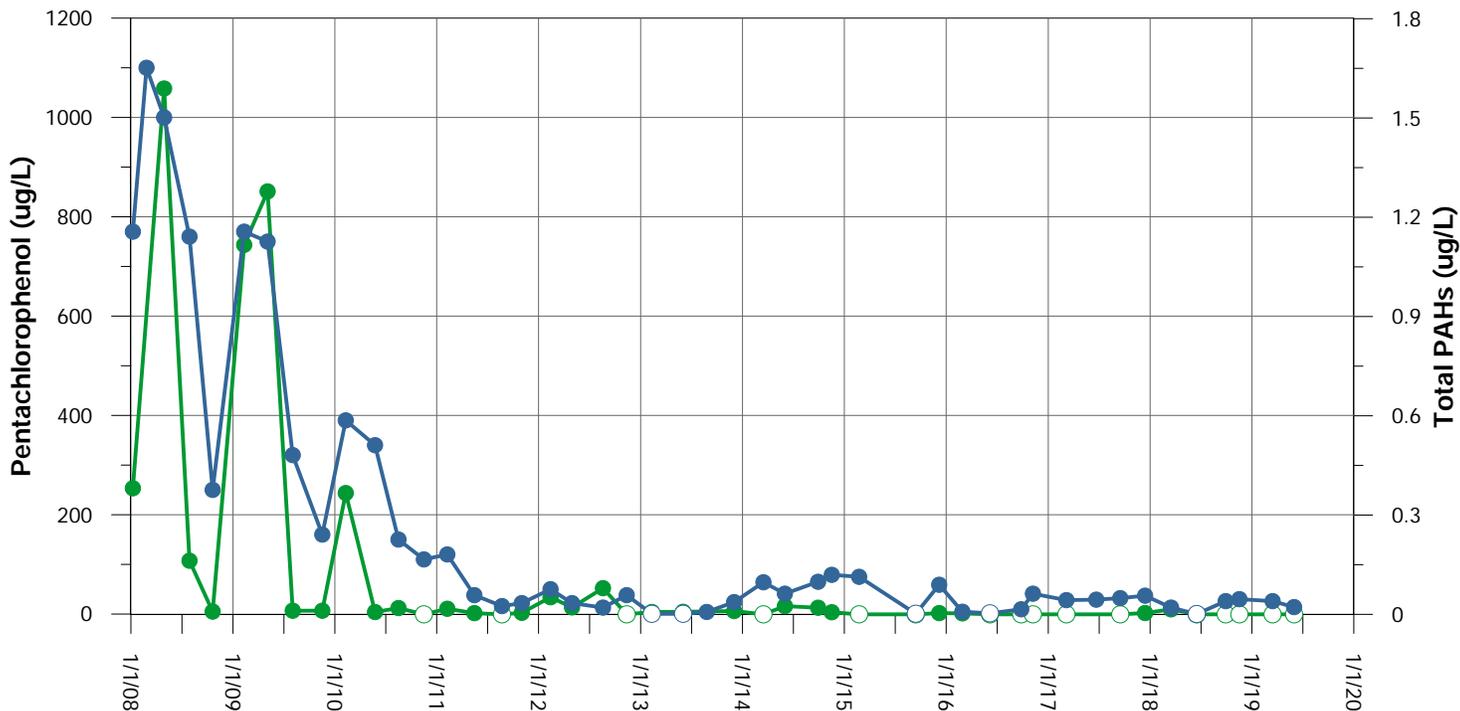
**Notes:**

ug/L = microgram per liter  
 Total polycyclic aromatic hydrocarbons (PAHs) equals the sum of detected analytes (ND = 0).

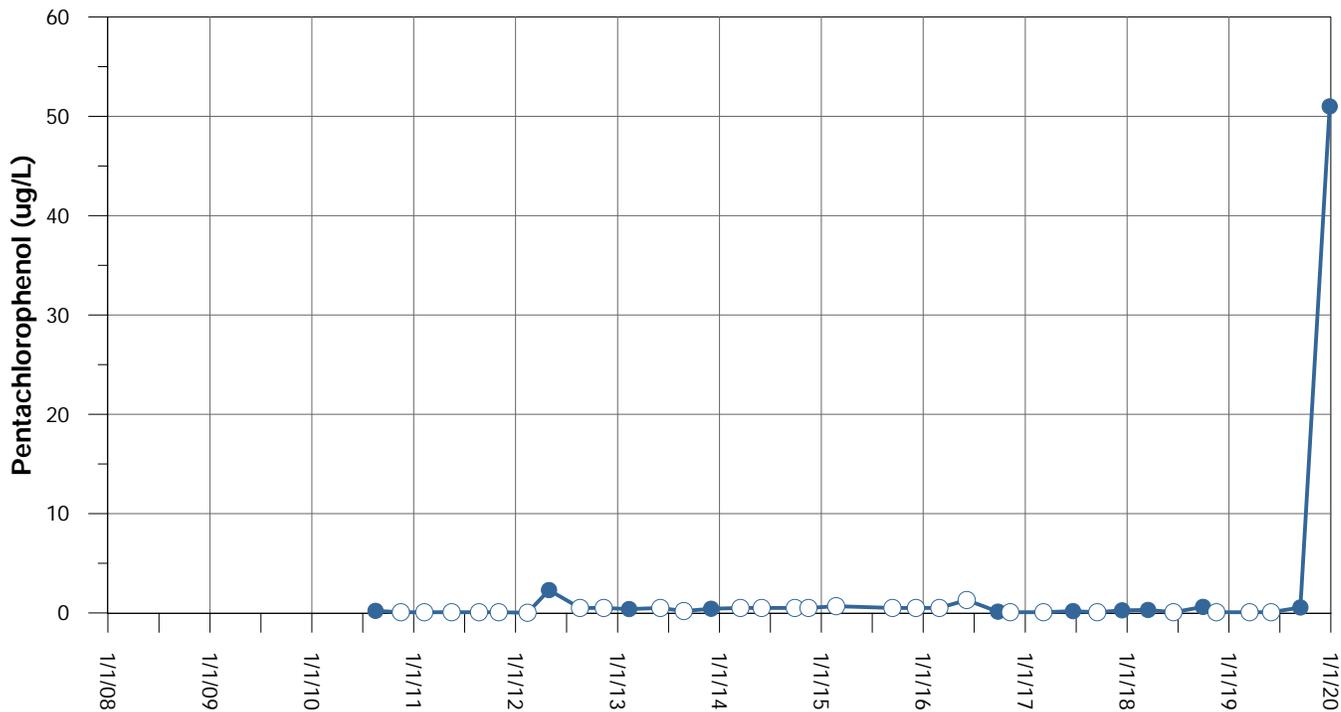
**FIGURE A-12**  
**Pentachlorophenol and Total PAHs Groundwater**  
**Concentrations in MW-35 and MW-36**  
 Former J.H. Baxter Wood Treating Facility  
 Arlington, Washington



### MW-37



### MW-38



PAHs not analyzed in MW-38.

#### Legend:

- Pentachlorophenol Detected Values
- Pentachlorophenol Non-Detected Values
- Total PAHs Detected Values
- Total PAHs Non-Detected Values

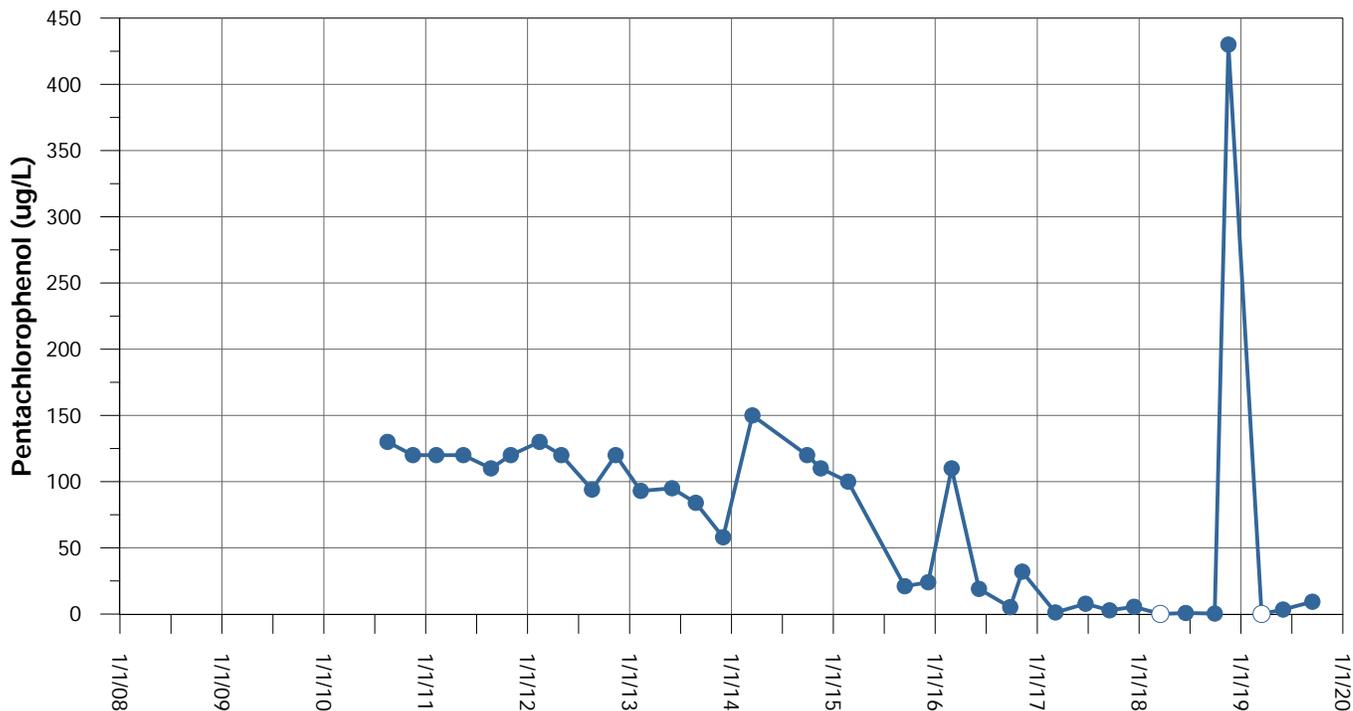
#### Notes:

ug/L = microgram per liter  
 Total polycyclic aromatic hydrocarbons (PAHs) equals the sum of detected analytes (ND = 0).

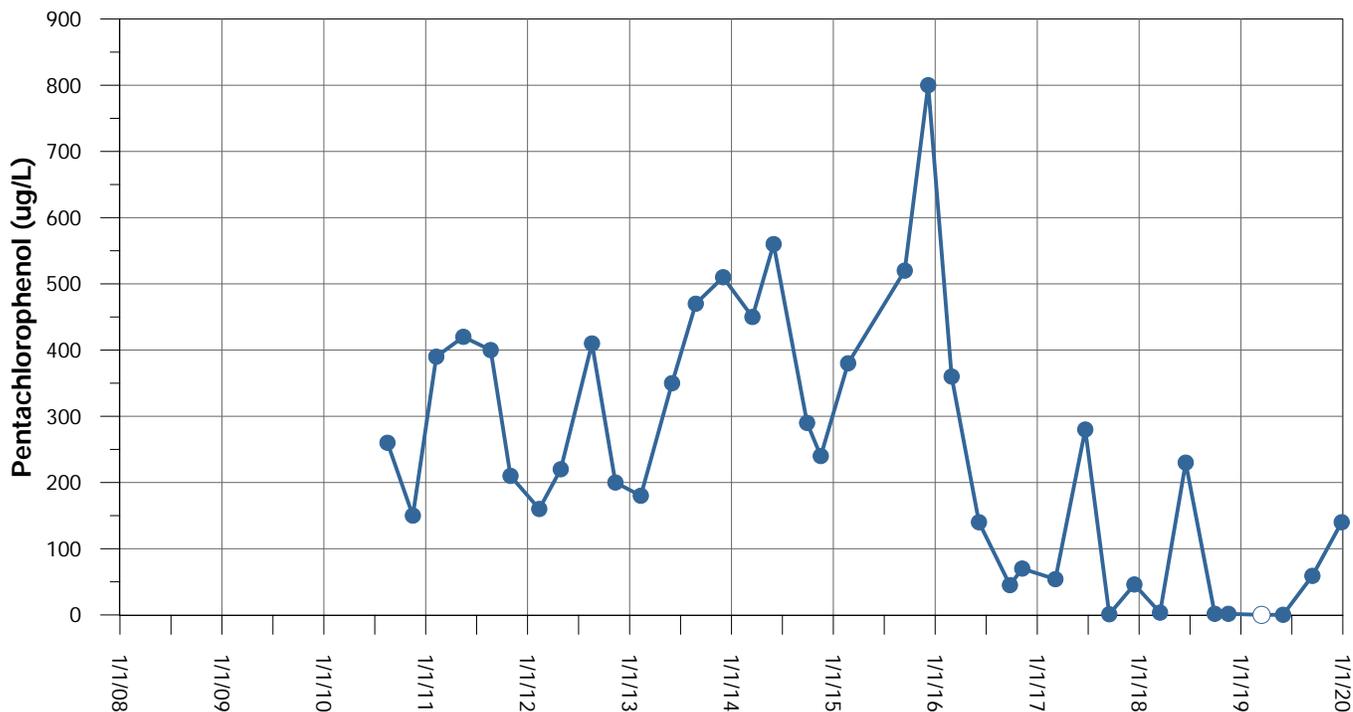
**FIGURE A-13**  
**Pentachlorophenol and Total PAHs Groundwater**  
**Concentrations in MW-37 and MW-38**  
 Former J.H. Baxter Wood Treating Facility  
 Arlington, Washington



### MW-39



### MW-40



**Legend:**

- Pentachlorophenol Detected Values
- Pentachlorophenol Non-Detected Values

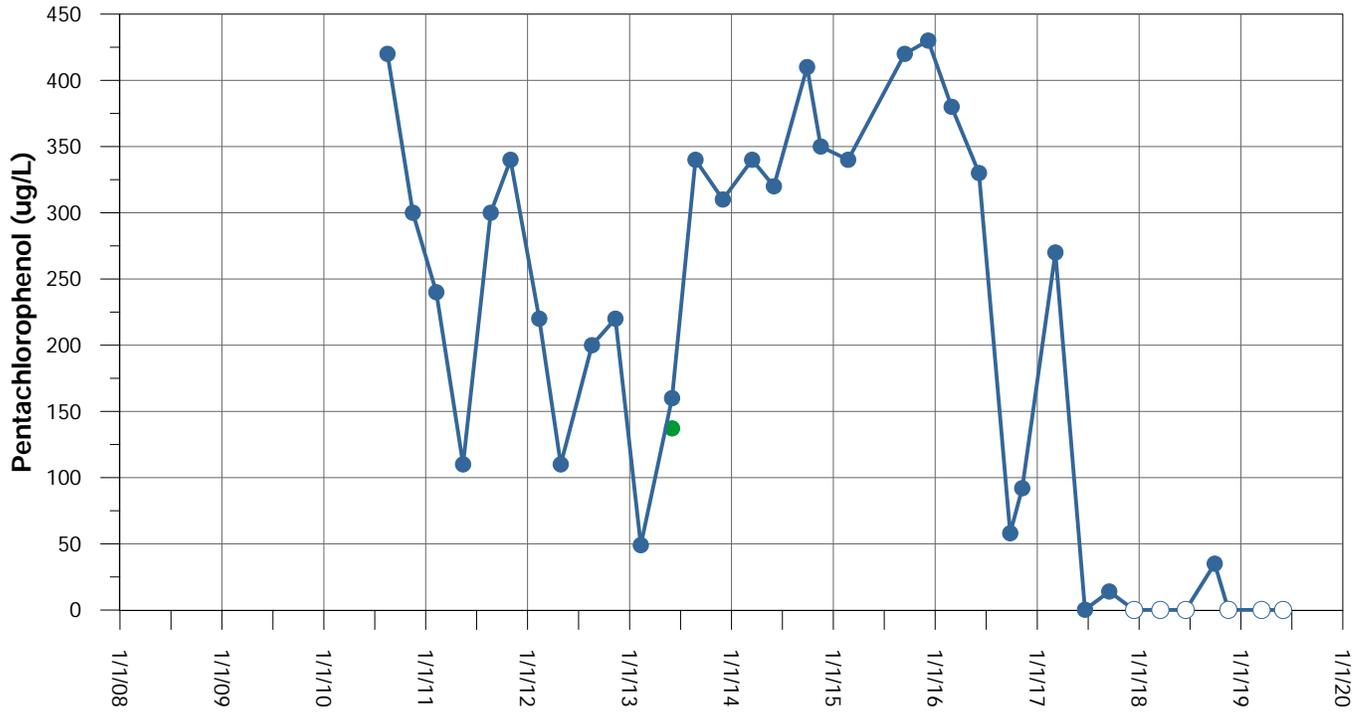
**Notes:**

ug/L = microgram per liter

**FIGURE A-14**  
**Pentachlorophenol Groundwater**  
**Concentrations in MW-39 and MW-40**  
 Former J.H. Baxter Wood Treating Facility  
 Arlington, Washington

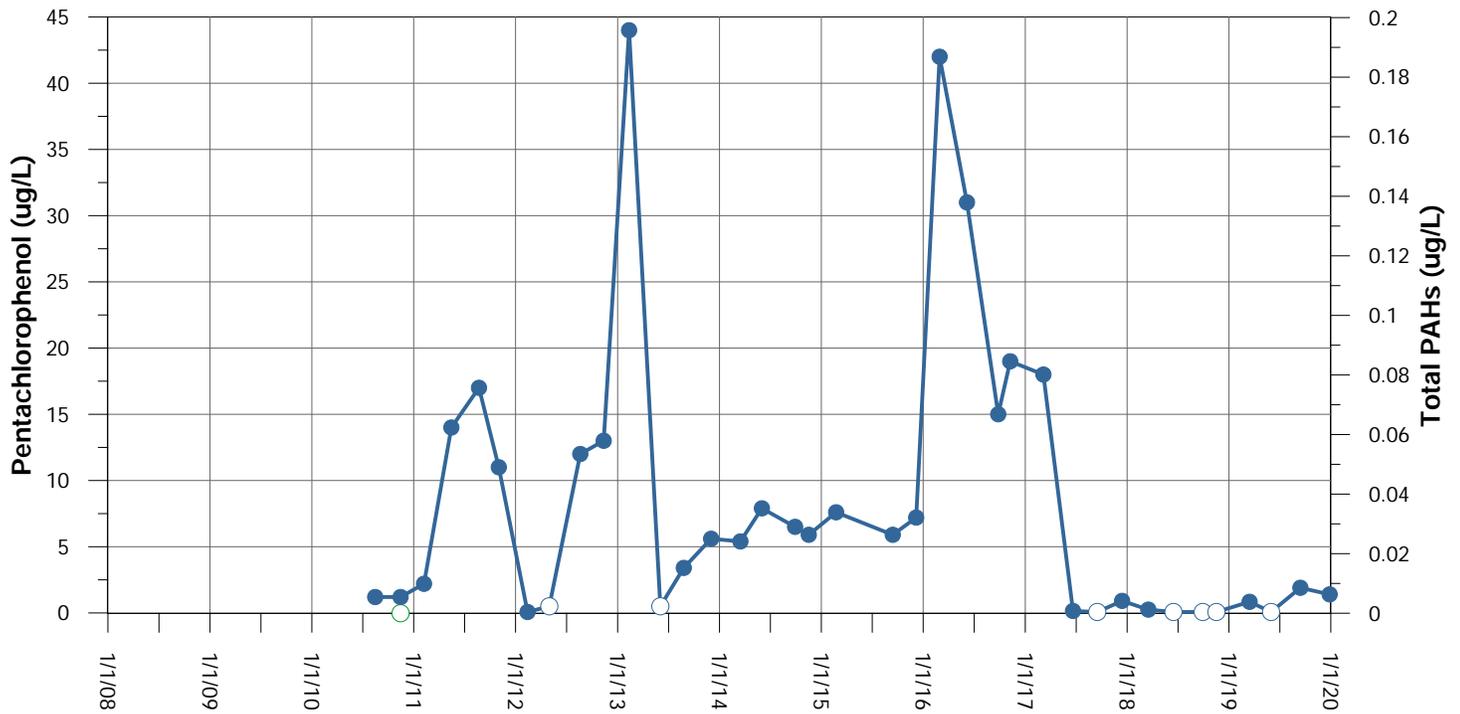


### MW-41



PAHs not analyzed in MW-41.

### MW-42



**Legend:**

- Pentachlorophenol Detected Values
- Pentachlorophenol Non-Detected Values
- Total PAHs Detected Values
- Total PAHs Non-Detected Values

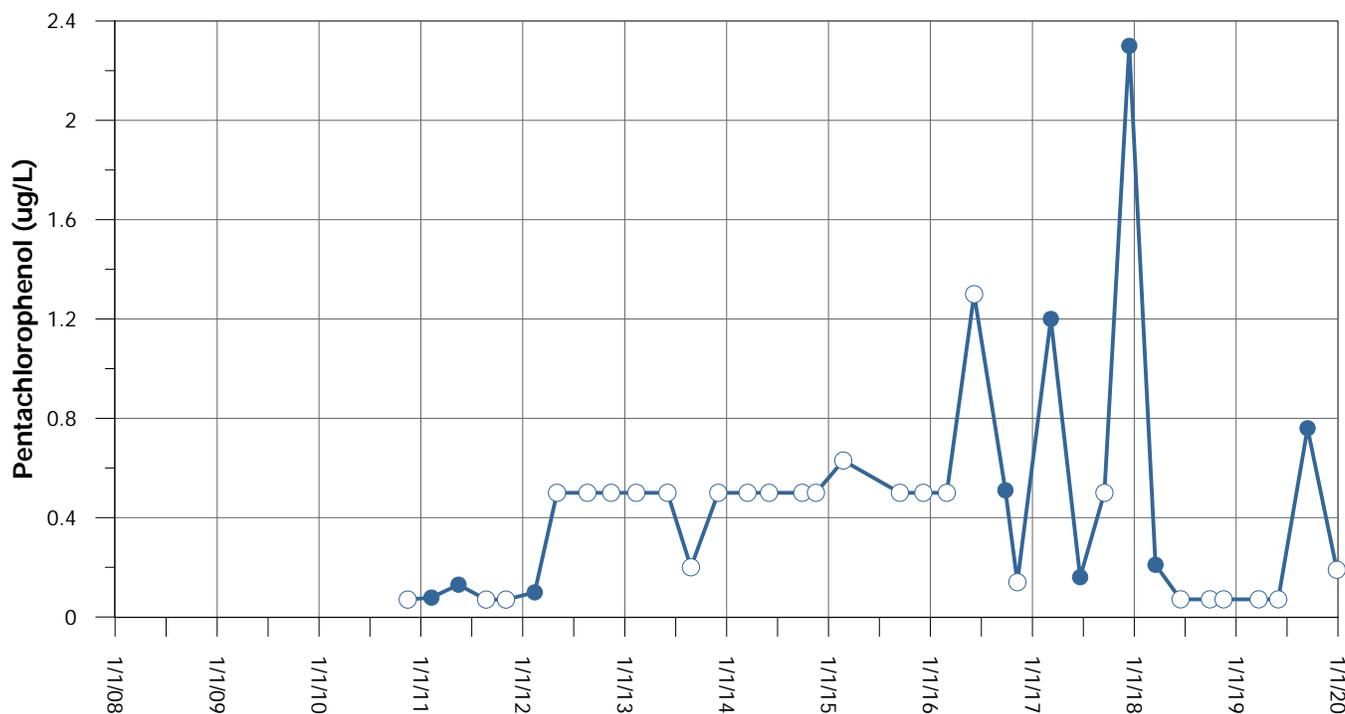
**Notes:**

ug/L = microgram per liter  
 Total polycyclic aromatic hydrocarbons (PAHs) equals the sum of detected analytes (ND = 0).

**FIGURE A-15**  
**Pentachlorophenol and Total PAHs Groundwater**  
**Concentrations in MW-41 and MW-42**  
 Former J.H. Baxter Wood Treating Facility  
 Arlington, Washington



### MW-43



**Legend:**

- Pentachlorophenol Detected Values
- Pentachlorophenol Non-Detected Values

**FIGURE A-16**  
**Pentachlorophenol Groundwater Concentrations in MW-43**

Former J.H. Baxter Wood Treating Facility  
Arlington, Washington

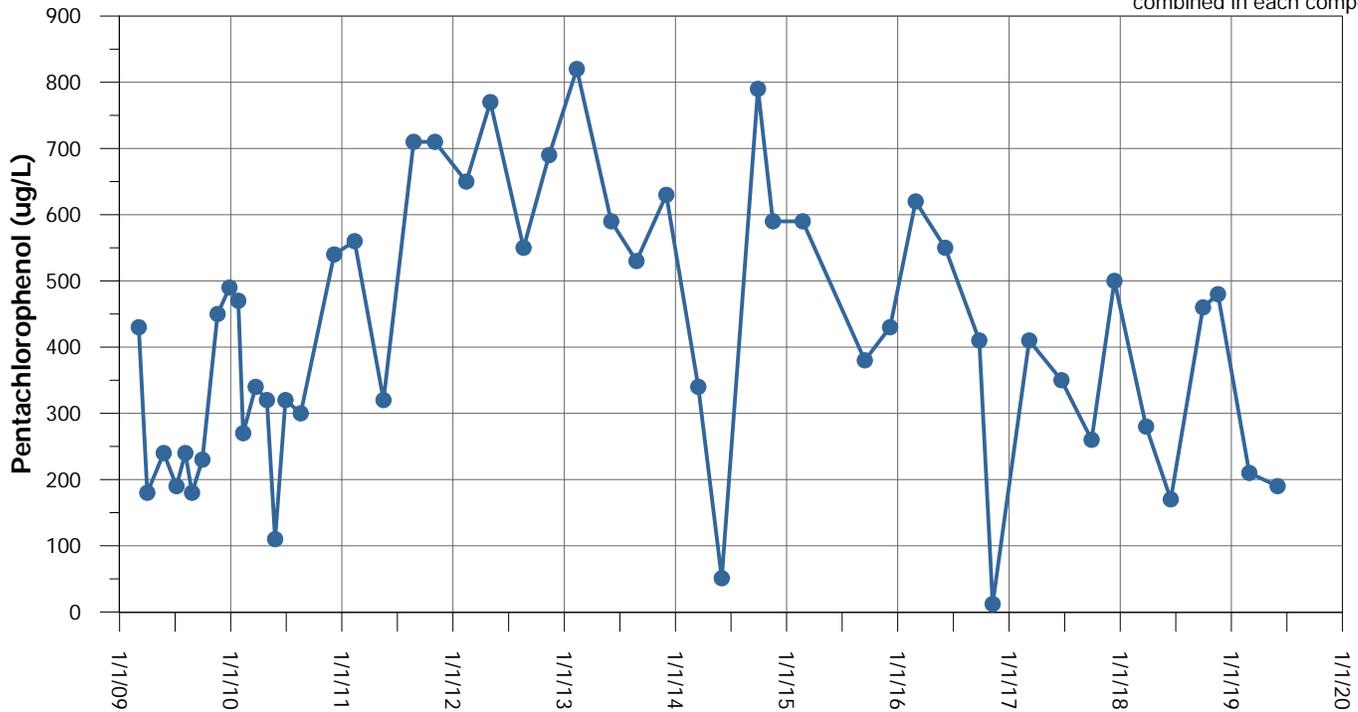
**Notes:**

ug/L = microgram per liter

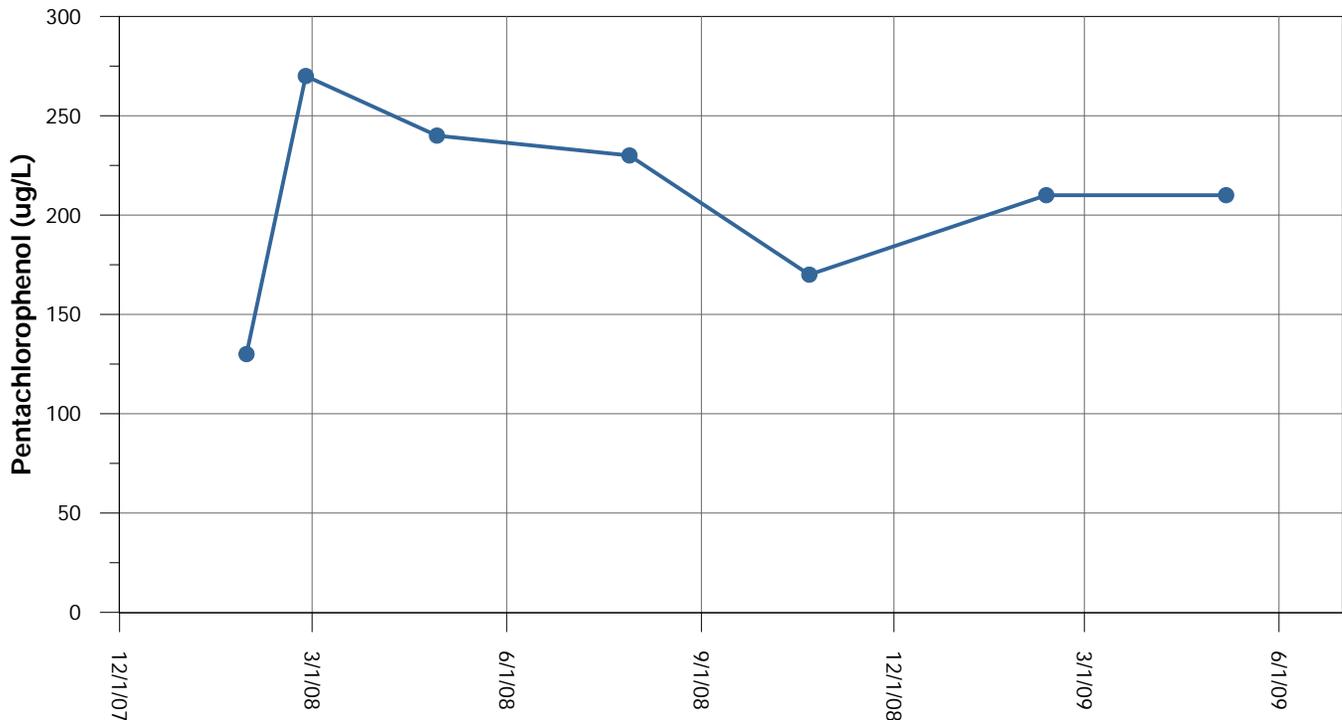


### Extraction Well Composites EPA Method 8270D and 8151M (2009 - current)

See Table 4C for extraction wells combined in each composite sample.



### Extraction Well Composites (EW-1 through EW-7) EPA Method 8151 (2008 - 2009)



**Legend:**

- Pentachlorophenol Detected Values
- Pentachlorophenol Non-Detected Values

**Pentachlorophenol Groundwater Concentrations in Extraction Well Composite Samples by EPA Method 8270D and 8151**

Former J.H. Baxter Wood Treating Facility  
Arlington, Washington

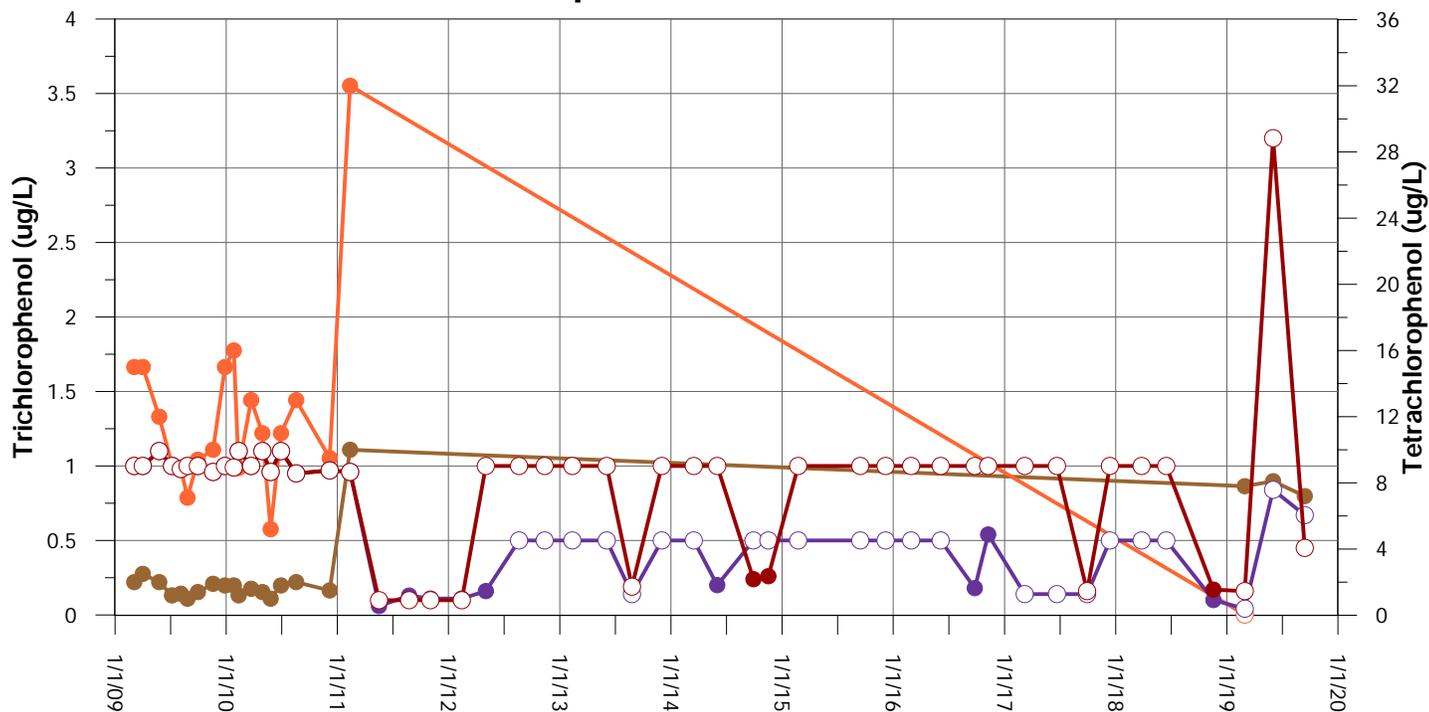
**Notes:**

ug/L = microgram per liter



**FIGURE A-17**

## Extraction Well Composites Pentachlorophenol Breakdown Products



**Legend:**

- 2,4,5-Trichlorophenol Detected Values
- 2,4,5-Trichlorophenol Non-Detected Values
- 2,4,6-Trichlorophenol Detected Values
- 2,4,6-Trichlorophenol Non-Detected Values
- 2,3,4,6-Tetrachlorophenol Detected Values
- 2,3,5,6-Tetrachlorophenol Detected Values

**FIGURE A-18**  
**Pentachlorophenol Breakdown Products Groundwater Concentrations in Extraction Well Composite Samples**  
 Former J.H. Baxter Wood Treating Facility  
 Arlington, Washington

**Notes:**

ug/L = microgram per liter  
 Analyzed by EPA Method 8270D and 8151M  
 See Table 4C for extraction wells combined in each composite sample

